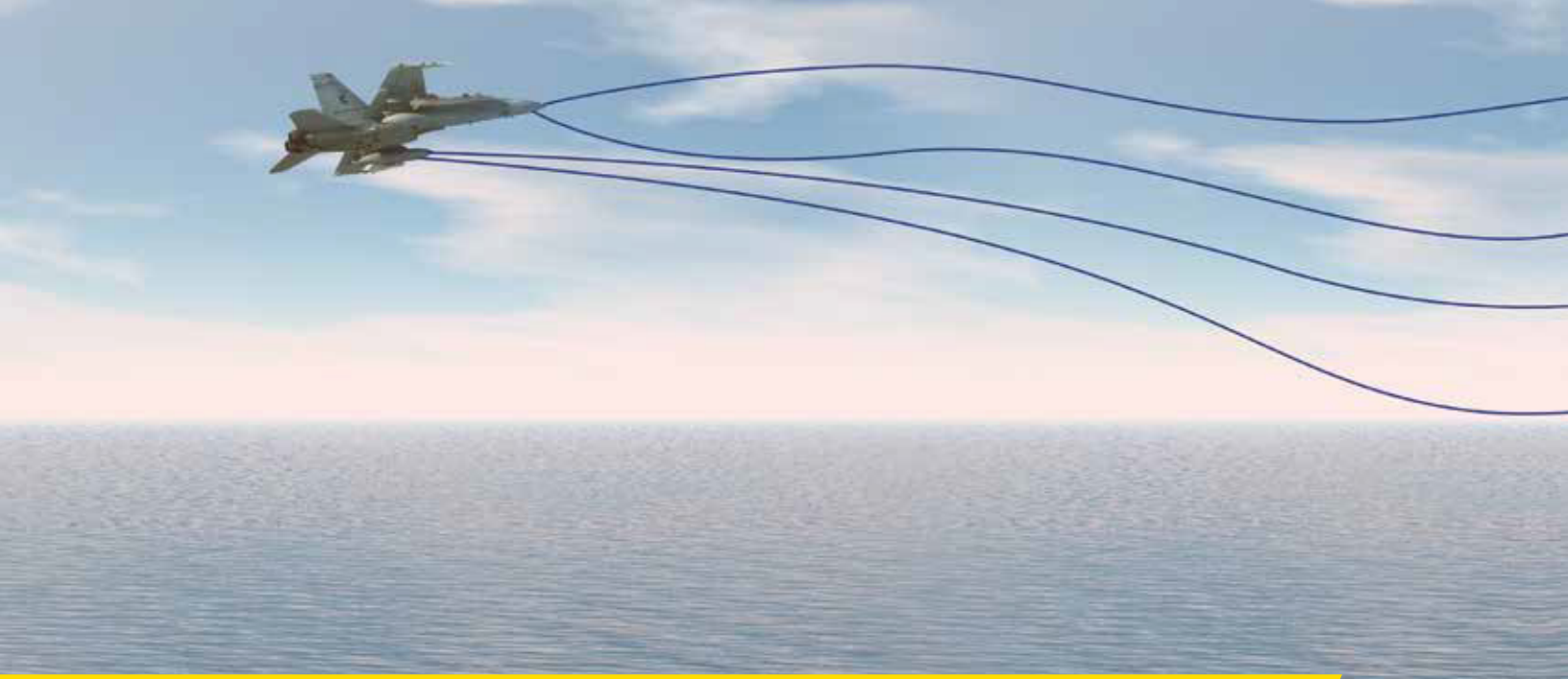
ATALD

Advanced Tactical Air-Launched Decoy and Target

Elbit Systems™ Land



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The Advanced Tactical Air-Launched Decoy and Target (ATALD) features a distinctive modular design that enables its use as an air-launched standoff decoy system and an air-launched target. The active decoy is used in Suppression of Enemy Air Defense (SEAD) missions, enhancing survivability of friendly aircraft and guided munitions by saturating enemy air defense systems with multiple false targets with individual target Radar Cross Sections (RCS) and velocity. The ATALD can simulate attacks against early warning radars, causing air defense systems to expend resources on the decoys.

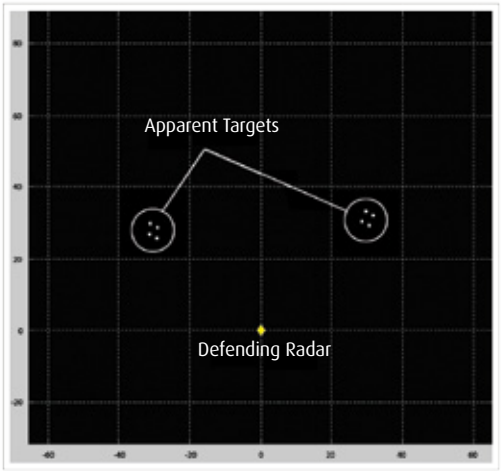
Modular design for multiple aerial target scenarios

The ATALD modular vehicle can be delivered from sea and land-based tactical aircraft to simulate realistic threats for air-to-air, ground-to-air, and advanced anti-ship scenarios with multiple payload options:

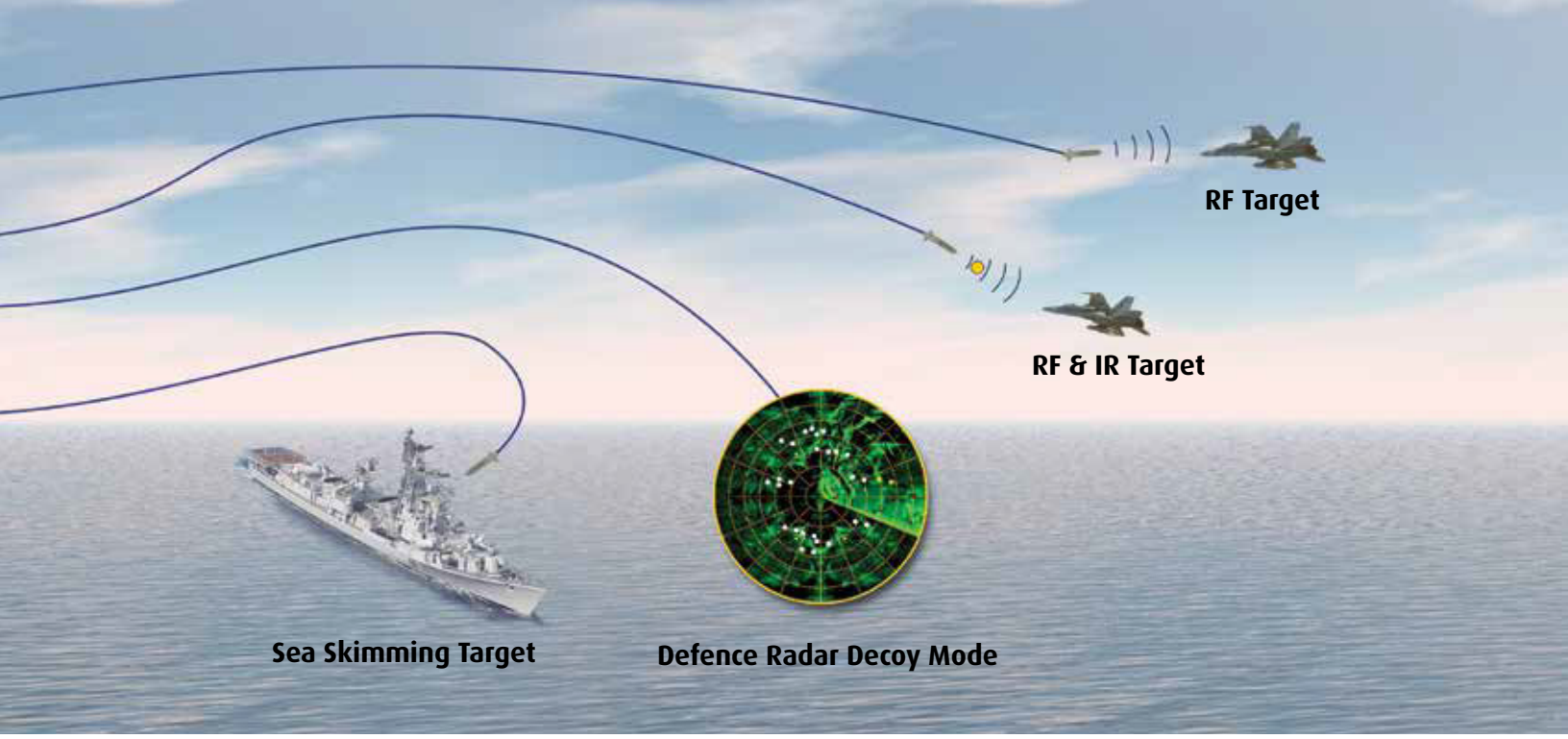
- **IR payload:** Air-to-air training
- **Advanced RF payload:** Multiple false targets for ground-to-air realistic simulation of air defense systems and radar systems
- **Sea-skimming payload:** Radar altimeter enables very low-level flight at a nominal 5m above sea level

Mission capabilities

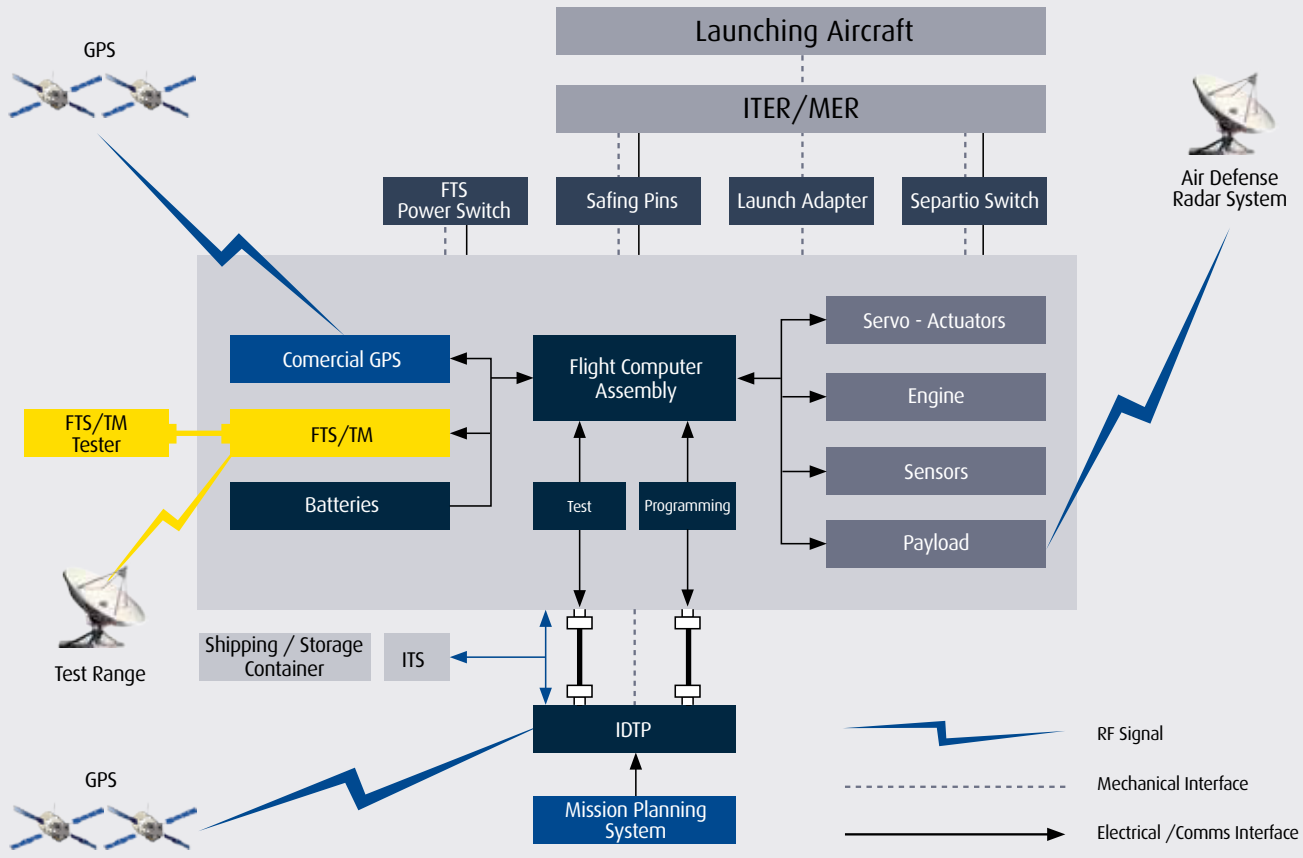
Operational scenarios are determined by selecting waypoints and velocities in conjunction with payload activation modes, from a sea skimming altitude to 30,000 feet above sea level. The system features programmable Individual Apparent Target Flight Behavior, and the pilot has the option of selecting an ad-hoc target of opportunity, instead of the pre-programmed mission.



Four pairs of false targets appear approaching the defending radar from different vectors.



ATALD RF Payload Configuration



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Key Features

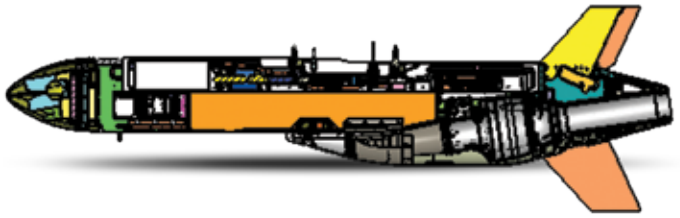
- Modular concept: decoy system and aerial target
- Alternate payload options: RF/IR
- Multiple false targets with individual target RCS and velocity
- Programmable Individual Apparent Target Flight Behavior
- Standoff range
- Multiple waypoint trajectory
- Multiple carriage on standard bomb racks
- Wooden round

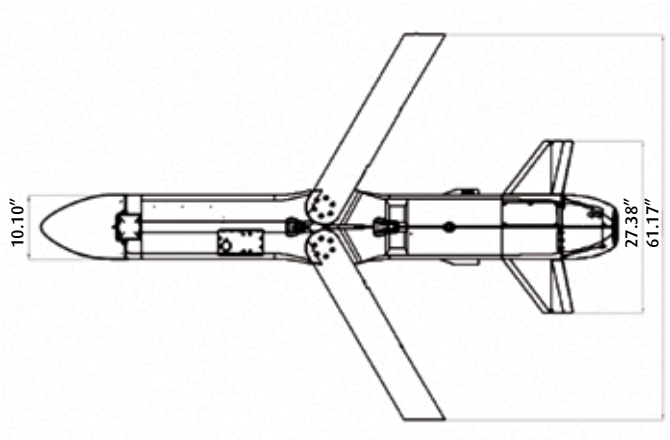
Key Benefits

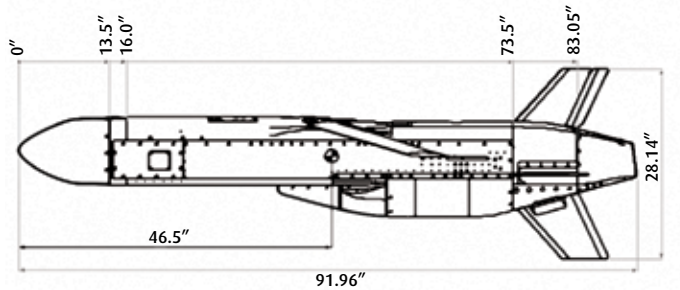
- Enhanced survivability of friendly aircraft and guided munitions
- Realistic threat simulation scenarios: air-to-air, ground-to-air and advanced anti-ship
- Delivery platforms: sea and land-based tactical aircraft

Technical Specifications

Turbo - Jet Engine	
Thrust	170 Lbs.
High alt. endurance	35 min
Low alt. endurance	18 min
Maximum cruise altitude	20,000 ft
Maximum launch altitude	45,000 ft
Velocities	
Low altitude (15 ft)	170 - 250 m/s
High altitude (15,000 ft)	235 - 260 m/s







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